



产品编号：2036320600

系列号：203632

Product Category：Connector Housings

Product Description：Micro-Fit TPA Plug Housing, Dual Row, 6 Circuits, UL 94V-0, Low-Halogen, with Panel Mounts, Black

状态：Active

文件和资源

图纸

图纸 2036320600_sd.pdf

包装设计图 2036320000-PK-000.pdf

3D 模型和设计文件

3D模型 2036320600_stp.zip

规格

产品规格 430450001-PS-K0-000.pdf

产品规格 430450001-PS-SP-000.pdf

产品规格 PS-43045-001.pdf

测试摘要 2036320000-TS-000.pdf

产物环境合规

合规

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

产品详情

常规

状态	活动
类别	Connector Housings
系列	203632
说明	Micro-Fit TPA Plug Housing, Dual Row, 6 Circuits, UL 94V-0, Low-Halogen, with Panel Mounts, Black
应用	Power, Wire-to-Wire
个评论	See Product Specification for maximum current rating by circuit size and wire AWG
产品系列	Micro-Fit Connector System
产品名称	Micro-Fit TPA
UPC	191128340892

机构

CSA	LR19980
UL	E29179

物理

电路数（最多）	6
颜色-树脂	黑色
阻燃性	94V-0
性别	Plug
符合灼热丝规范	否
插接极性	无
锁定插接部位	是
材料 - 树脂	Nylon
净重	0.721/g
行数	2
包装形式	Bag

面板安装式	是
间距 - 插配接口	3.00mm
有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +105° C

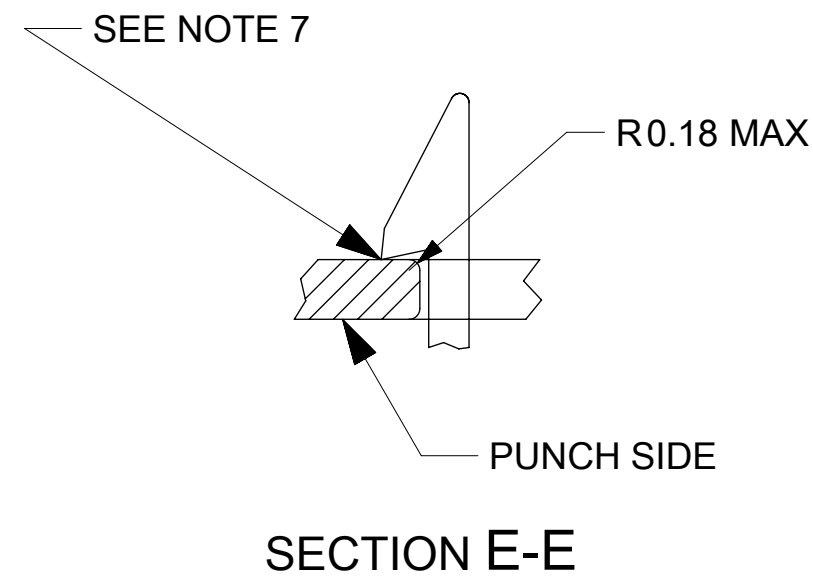
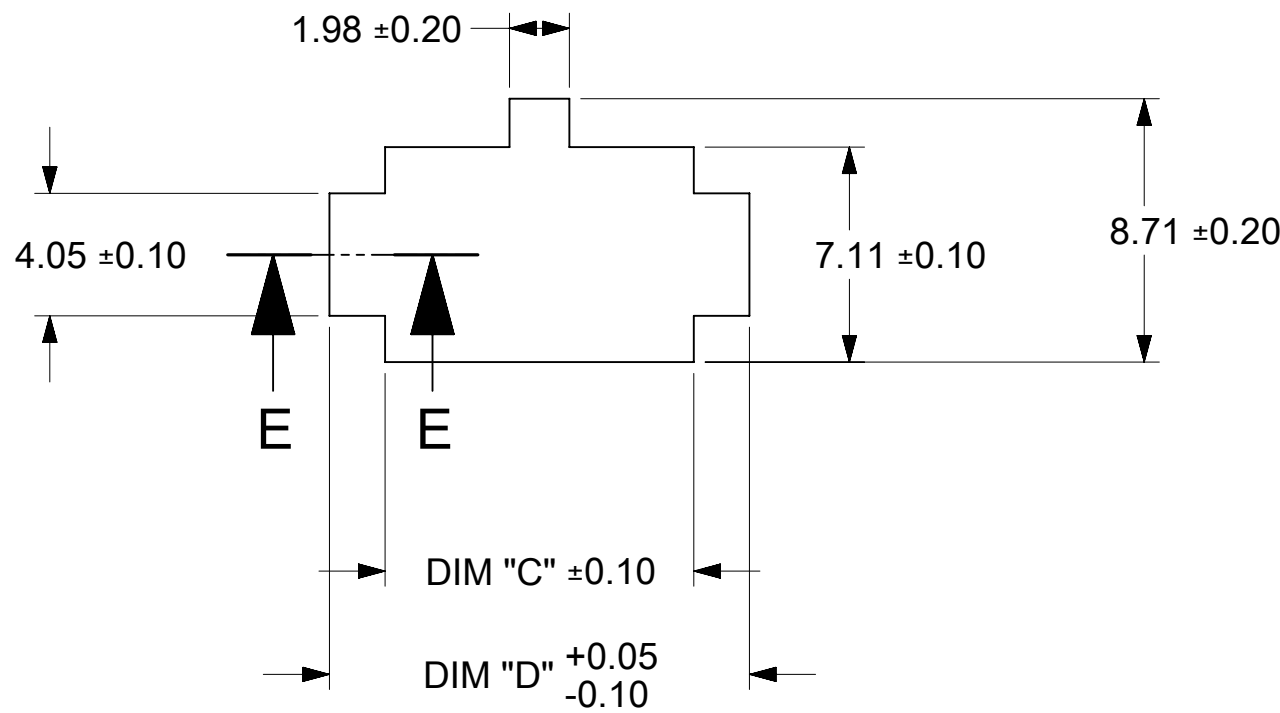
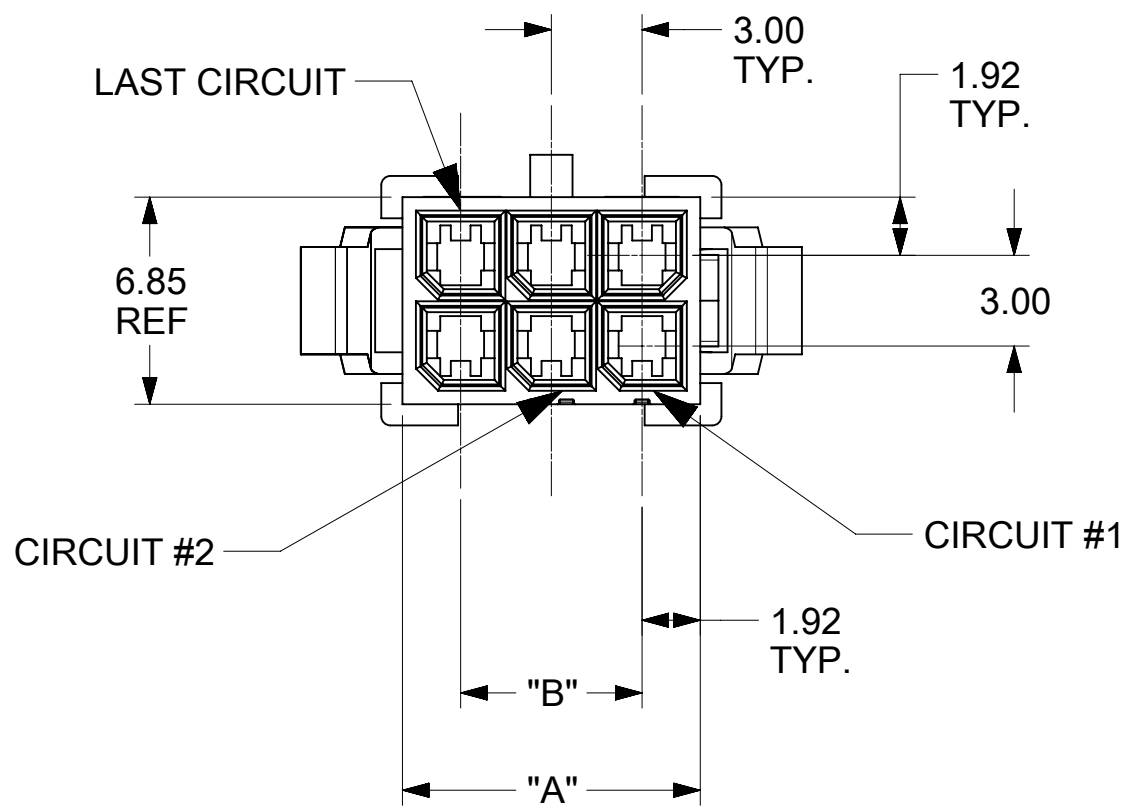
可配插/可连接使用的产品

可配插部件

描述	产品编号
Micro-Fit TPA Receptacle Housings	<u>172952</u>
Micro-Fit 3.0 Dual Row Receptacle Housings	<u>43025</u>
Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) Cable Assemblies	<u>45132</u>

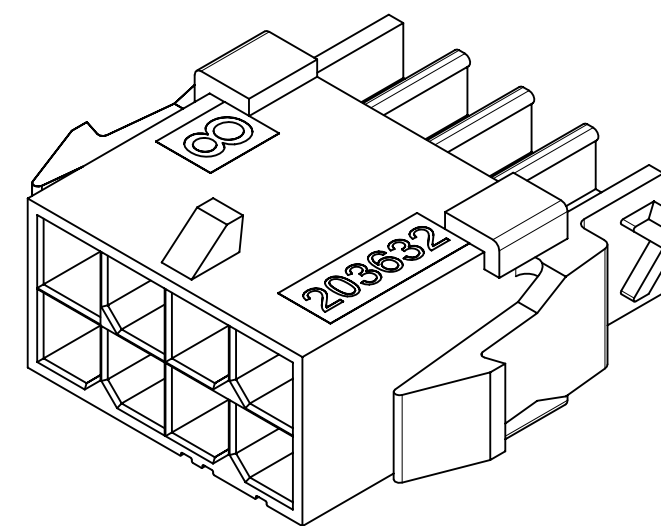
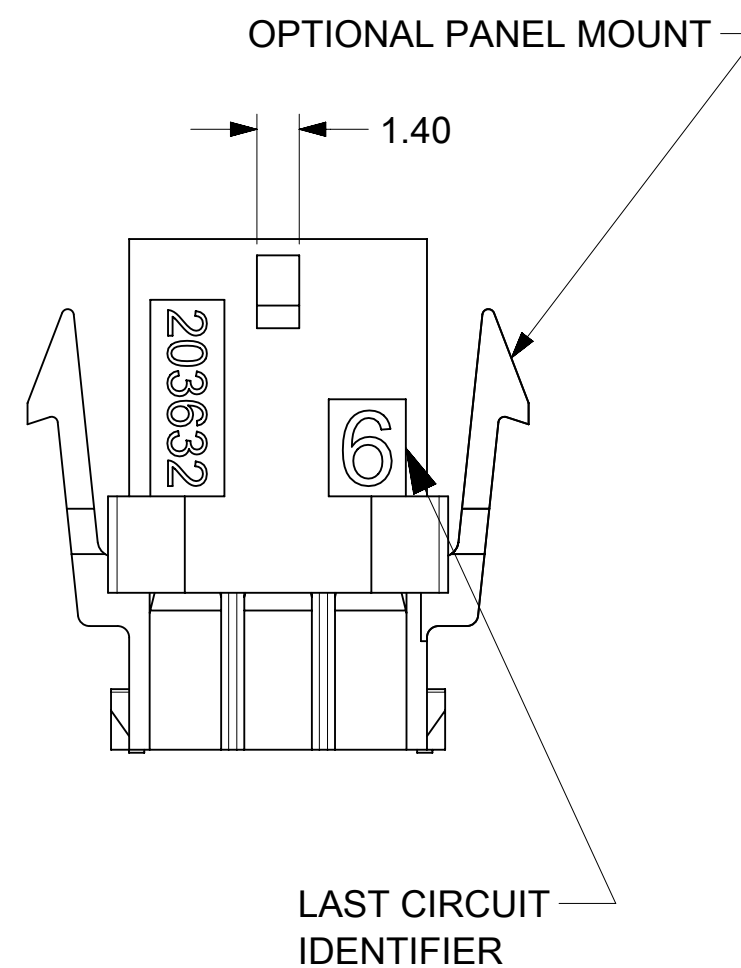
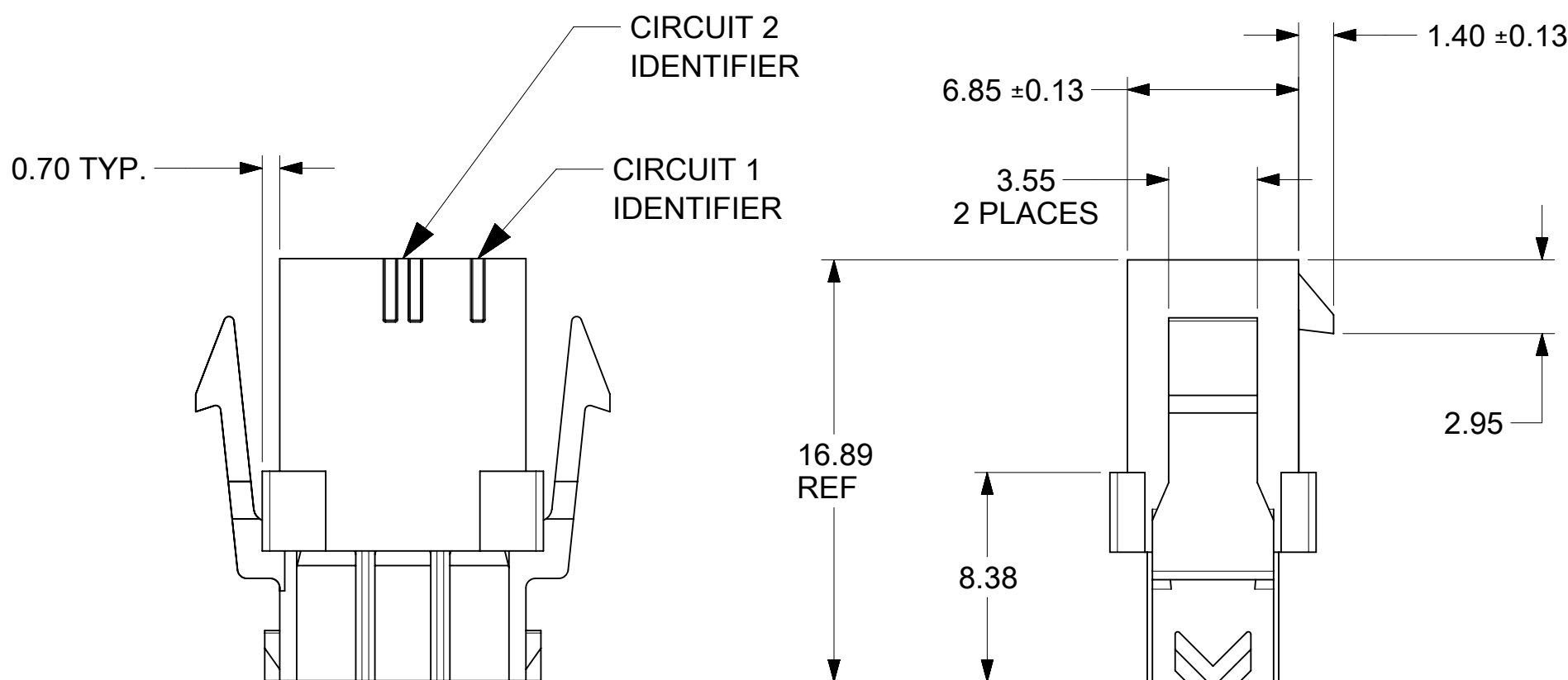
可连接使用部件

描述	产品编号
Micro-Fit Terminal Position Assurance (TPA) Retainers	<u>172953</u>
Micro-Fit Male Crimp Terminals	<u>43031</u>



RECOMMENDED PANEL CUTOUT

SEE NOTES 7 AND 9

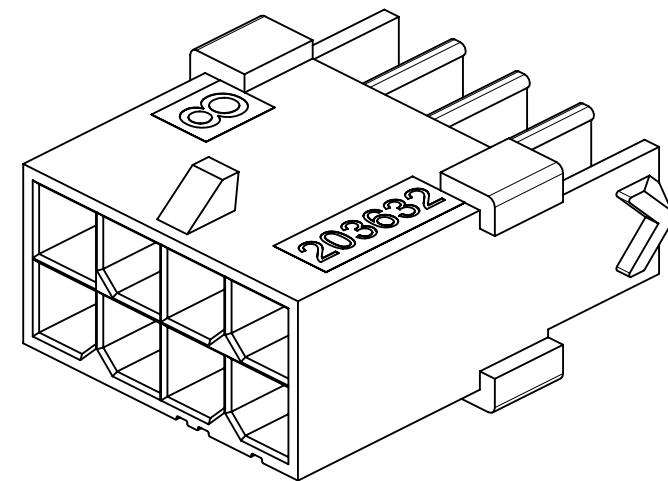
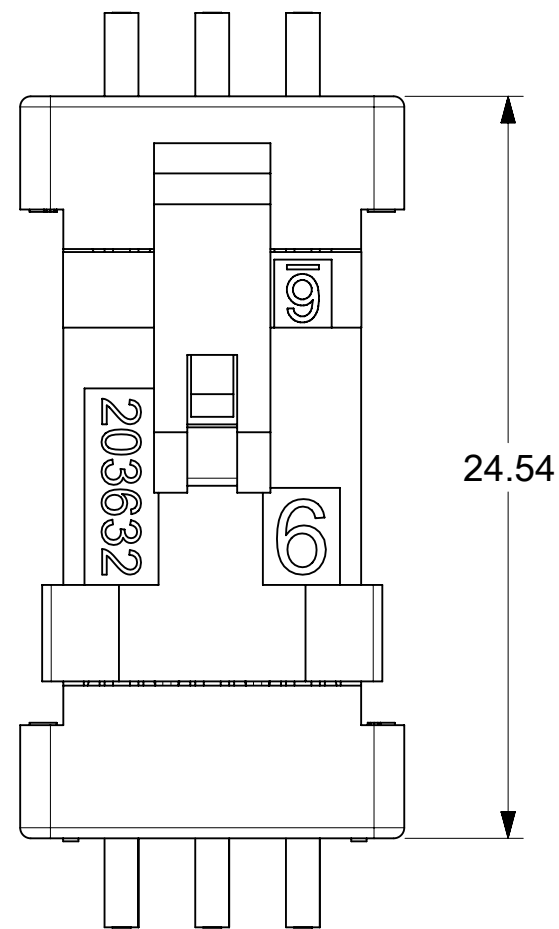
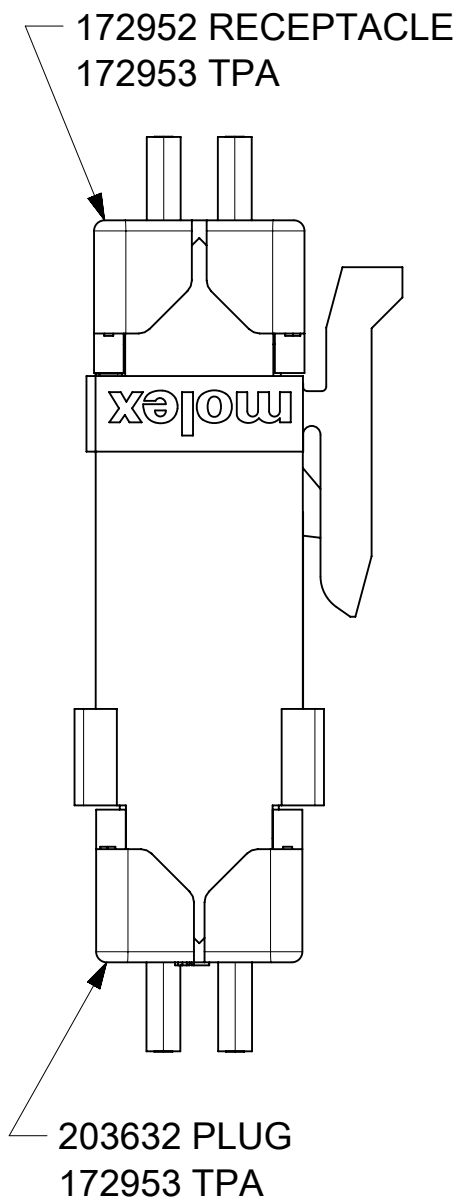


8 CIRCUIT WITH PANEL MOUNTS

- NOTES:
- 1) HOUSING MATERIAL:
UNFILLED NYLON, UL94V-0, COLOR-BLACK, (LOW HALOGEN)
 - 2) FINISH: N/A
 - 3) PRODUCT SPECIFICATION: PS-43045
 - 4) PACKAGING SPECIFICATION: 2036320000-PK
 - 5) THIS HOUSING MATES WITH MICRO-FIT 172952 TPA RECEPTACLE OR 43025 STANDARD RECEPTACLE.
 - 6) THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL 43031-5***
 - 7) DESIGNED FOR 1.40 MINIMUM TO A 2.54 MAXIMUM THICK PANEL OR PRINTED CIRCUIT BOARD.
 - 8) SEE SECTION "F"- "F" FOR TERMINAL ORIENTATION IN HOUSING. TERMINALS IN LOWER ROW ARE INSERTED 180° FROM THE UPPER ROW.
 - 9) PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH SIDE FOR OPTIMUM RETENTION.
 - 10) PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002. SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE LOCATION THAT DOES NOT AFFECT FUNCTIONALITY.
 - 11) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOLING.
 - 12) HOUSING DESIGNED FOR USE WITH 172953-xx01 TPA. NEVER USE WITHOUT TPA.
 - 13) INTENDED FOR USE WITH 20-30 AWG WIRES ONLY

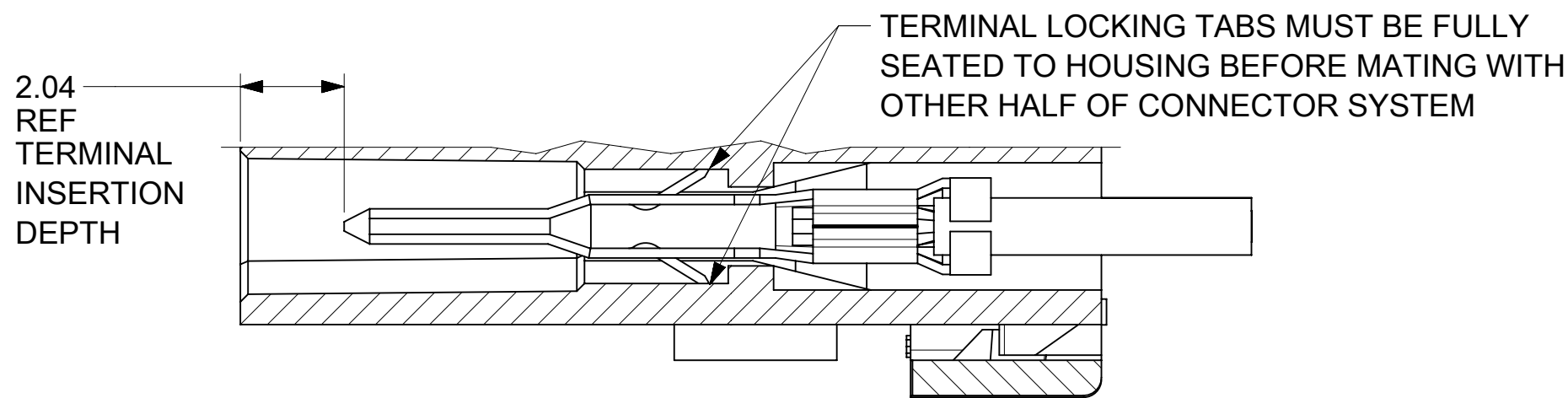
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
F A = 0 F C = 0 F P = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD NOTE 13				molex MICROFIT (3.0) TPA DUAL ROW PLUG HOUSING WITH OPTIONAL PANEL MOUNT												
	mm		4:1																		
	GENERAL TOLERANCES (UNLESS SPECIFIED)																				
ANGULAR TOL ± 0.5 °										EC NO: 723726											
DIVISIONAL SYMBOLS	4 PLACES		±		DRWN: MKIPPER 2022/02/25																
	3 PLACES		±		CHK'D: MKIPPER 2022/10/12																
	2 PLACES		± 0.25		APPR: FSMITH 2022/10/13																
	INITIAL REVISION:										PRODUCT CUSTOMER DRAWING										
	1 PLACE		± 0.35		DRWN: MKIPPER 2017/04/07				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION						
	0 PLACES		±		APPR: FSMITH 2017/07/20				2036320000-SD		PSD		000		A3						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
												C-SIZE		203632		SEE CHART		GENERAL MARKET		1 OF 2	

PART NUMBER	PART CHARACTERISTICS					
	NUMBER OF POSITION	PANEL MOUNT	DIM A	DIM B	DIM C	DIM D
2036320400	4	YES	6.85	3.00	7.21	10.89
2036320401		NO				
2036320600	6	YES	9.85	6.00	10.21	13.89
2036320601		NO				
2036320800	8	YES	12.85	9.00	13.21	16.89
2036320801		NO				
2036321000	10	YES	15.85	12.00	16.21	19.89
2036321001		NO				
2036321200	12	YES	18.85	15.00	19.21	22.89
2036321201		NO				
2036321400	14	YES	21.85	18.00	22.21	25.89
2036321401		NO				
2036321600	16	YES	24.85	21.00	25.21	28.89
2036321601		NO				
2036321800	18	YES	27.85	24.00	28.21	31.89
2036321801		NO				
2036322000	20	YES	30.85	27.00	31.21	34.89
2036322001		NO				
2036322200	22	YES	33.85	30.00	34.21	37.89
2036322201		NO				
2036322400	24	YES	36.85	33.00	37.21	40.89
2036322401		NO				

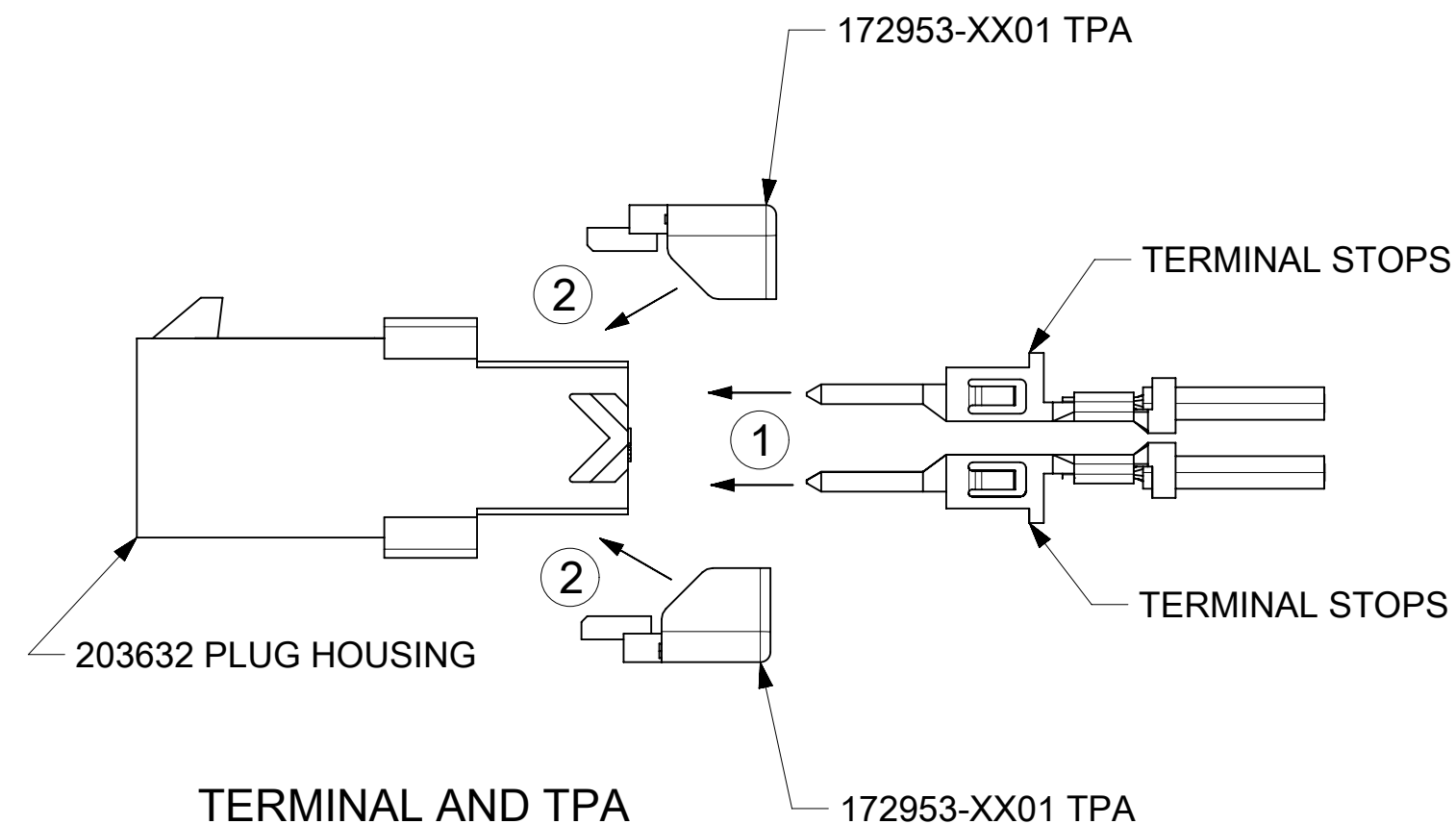


8 CIRCUIT WITHOUT PANEL MOUNTS

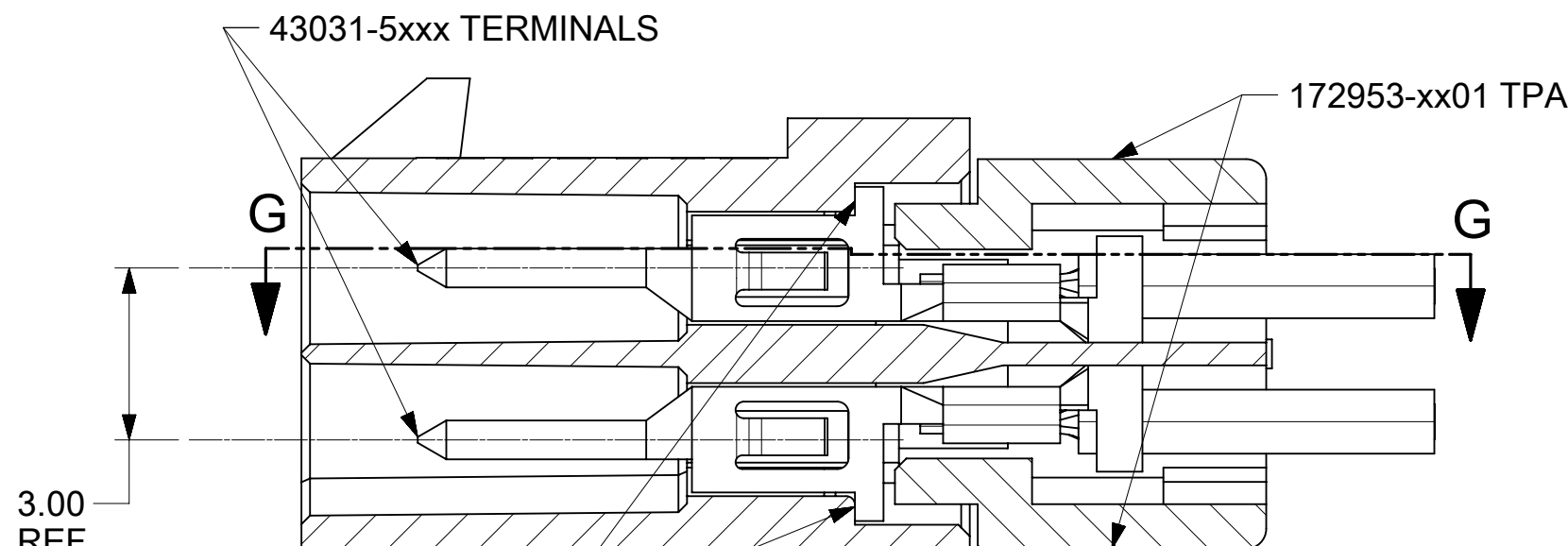
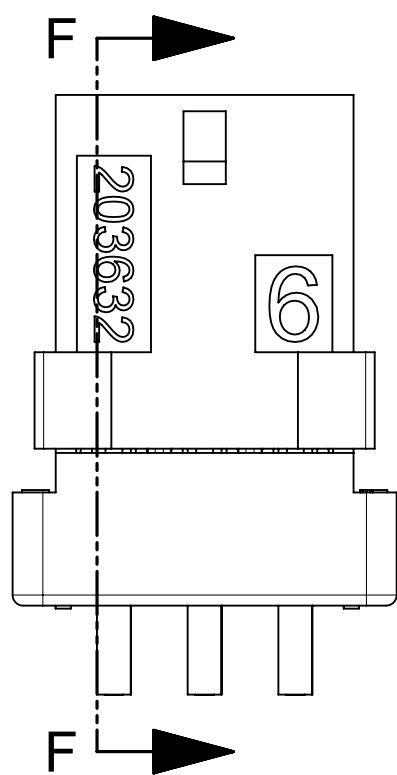
MATED MICRO-FIT CONNECTOR
(WITH TPA INSTALLED)



SECTION G-G
SCALE 8:1



TERMINAL AND TPA
ORIENTATION AND ASSEMBLY



SECTION F-F
SCALE 8:1
(WITH TERMINALS AND TPA's)

NEVER USE WITHOUT TPA

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ADD NOTE 13			
	DIMENSION UNITS	SCALE				
$\frac{F}{A} = 0$	mm	4:1				
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)					
$\frac{F}{D} = 0$	ANGULAR TOL $\pm 0.5^\circ$					
DIVISIONAL SYMBOLS	4 PLACES	$\pm$	EC NO: 723726	2022/02/25	molex	
	3 PLACES	$\pm$	DRWN: MKIPPER	2022/10/12		
	2 PLACES	± 0.25	CHK'D: MKIPPER	2022/10/13	MICROFIT (3.0) TPA DUAL ROW PLUG HOUSING WITH OPTIONAL PANEL MOUNT	
	1 PLACE	± 0.35	APPR: FSMITH	2022/10/13	PRODUCT CUSTOMER DRAWING	
	0 PLACES	$\pm$	INITIAL REVISION:		DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRWN: MKIPPER	2017/04/07	2036320000-SD	
		DRAWING	APPR: FSMITH	2017/07/20	PSD 000 A3	
		SERIES	MATERIAL NUMBER		SHEET NUMBER	
		C-SIZE	SEE CHART		2 OF 2	